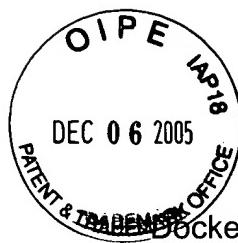


I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV756266079US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 6, 2005 Signature: Patricia Barnes  
(Patricia Barnes)



Docket No.: 46146C2(48340)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Peter Rhode et al.

Application No.: 09/848,164

Confirmation No.: 1034

Filed: May 3, 2001

Art Unit: 1644

For: MHC MOLECULES AND USES  
THEREOF

Examiner: F. P. Vandervegt

### INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. References listed on Sheets 1-3 were considerd in the parent cases.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

Copies of the references on the PTO/SB/08 are not provided.

Applicants have attached as part of the present Information Disclosure Statement copies of PTO-1449 forms of record in predecessor applications Serial No. 09/067,615 (now USP 6,309,645) and Serial No. 08/596,387 (now USP 5,869,270). Also included as part of the IDS are various issued patents and patent applications that might be of some interest to the Examiner. If copies of any of the references are required, the undersigned would be happy to furnish same on request.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

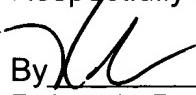
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 04-1105 in the amount of \$240.00 covering the fees set forth in 37 CFR 1.17(a)(1) and 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to

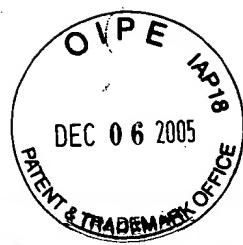
our Deposit Account No. 04-1105, under Order No. 46146C2(48340). A duplicate copy of this paper is enclosed.

Dated: December 6, 2005

Respectfully submitted,

By   
Robert L. Buchanan

Registration No.: 40,927  
EDWARDS ANGELL PALMER & DODGE  
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Boston, Massachusetts 02205  
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Attorneys/Agents For Applicant



Sheet 1 of 4

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 46146-C2	SERIAL NO. 09/848,164
		APPLICANT(S) : P. Rhode, et al.	
		FILING DATE: May 3, 2001	ART UNIT: 1644

#### UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
	AA	5,284,935	02/08/94	Clark, et al.	530	403	
	AB	5,260,422	11/09/93	Clark, et al.	530	403	
	AC	5,194,425	03/16/93	Sharma, et al.	514	8	
	AD	5,130,297	07/14/92	Sharma, et al.	514	8	

#### FOREIGN PATENT DOCUMENTS

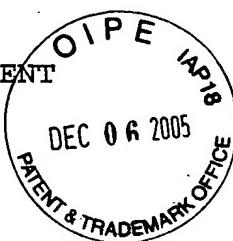
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	BA	WO 94/18998	09/01/94	PCT			
	BB	WO 93/10220	03/27/93	PCT			
	BE	WO 92/18150	10/29/92	PCT			
	BD	WO 96/04314	02/15/96	PCT			
	BE	WO 96/05228	02/22/96	PCT			
	BF	WO 97/28191	08/07/97	PCT			
	BG	WO 93/09810	05/27/93	PCT			
	BH	WO 89/12458	12/28/89	PCT			
	BI	WO 94/25054	11/10/94	PCT			
	BJ	WO 95/23814	09/08/95	PCT			

#### OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

CA H. Konozo, et al., *Nature*, 369: 151 (1994).

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT



ATTY DOCKET NO.

46146-C2

SERIAL NO.

09/848,164

APPLICANT(S) : P. Rhode, et al.

FILING DATE:

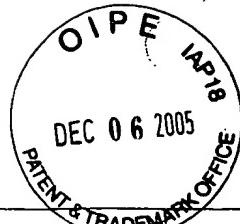
May 3, 2001

ART UNIT:

1644

## UNITED STATES PATENT DOCUMENTS

	CB	J. Altman, et al. Proc. Natl. Acad. Sci. USA, 90: 10330 (1993).
	CC	L. Stern, et al., Nature, 368: 215 (1994).
	CD	S. Sharma, et al., Proc. Natl. Acad. Sci. USA, 88: 11465 (1991).
	CE	J. Guery, et al., Critical Reviews in Immunology, 13(3/4): 195 (1993).
	CF	M. Nicolle, et al., J. Clin. Invest., 93: 1361 (1994).
	CG	D. Harlan, et al., Proc. Natl. Acad. Sci. USA, 91: 3137 (1994).
	CH	E. Evahold, et al., Immunology Today, 14(12): 602 (1993).
	CI	R. Chicz, et al., Immunology Today, 15(4): 155 (1994).
	CJ	R. Tisch, et al. Proc. Natl. Acad. Sci. USA, 91: 437 (1994).
	CK	Science, 259: 1691-1682 (1993).
	CL	J. Ulmer, et al. Science, 259: 1745 (1993).
	CM	H. Ploegh, et al., Nature, 364: 16 (1993).
	CN	J. Brown, et al., Nature, 364: 33 (1993).
	CO	D. O'Sullivan, et al., Journal of Immunology, 147: 2663 (1991).
	CP	J. Hammer, et al., J. Exp. Med., 176: 1007 (1992).
	CQ	L. Stern, et al., Cell, 68: 465 (1992).
	CR	K. Webber, et al., Molecular Immunology, 32: 249 (1995).
	CS	Y. Reiter, et al., The Journal of Biological Chemistry, 269: 18327 (1994).
	CT	K. O'Neil, et al. Science, 249: 774-778.
	CU	F. Godeau, et al., Journal of Biological Chemistry, 267: 24223 (1992).
Examiner:		Date:



Sheet 3 of 4

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 46146-C2	SERIAL NO. 09/848,164
		APPLICANT(S) P. Rhode, et al.	
		FILING DATE May 3, 2001	GROUP NO. 1644

### UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		5,583,031	Dec 10 1996	Stern	435	240.2	
AB		5,827,737	Oct 27 1998	Peterson, et al.	435	348	

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
BA	WO 95/23814 A	Sep 8 1995	PCT				
BB	WO 93/16191A	Aug 19 1993	PCT				
BC	WO 93/17095A	Sep 2 1993	PCT				
BD	WO 96/40944A	Dec 19 1996	PCT				

### OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

CA	Rhode, P.R., et al., <i>Single-Chain MHC Class II Molecules Induce T Cell Activation and Apoptosis</i> , The American Association of Immunologists, 1996

EXAMINER:	DATE:
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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	09/848,164-Conf. #1034
Sheet	4	of	4	Filing Date	May 3, 2001
				First Named Inventor	Peter Rhode
				Art Unit	1644
				Examiner Name	F. P. Vandervegt
				Attorney Docket Number	46146C2(48340)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA**	US-6,232,445	05/15/2001	Peter Rhode, et al.		
AB**	US-08/283,302	07/29/1994	Hing C. Wong, et al.		
AC**	US-08/382,454	02/01/1995	Peter Rhode, et al.		
AD**	US-09/766,378	01/19/2001	Peter Rhode, et al.		
AE**	US-09/900,379	07/06/2001	Peter Rhode, et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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519605



Application No. (if known): 09/848,164

Attorney Docket No.: 46146C2(48340)

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Amendment in Response to Non-Final Office Action (8 pages)  
Amendment Transmittal (1 page)  
IDS (Citation) by Applicant (No References) (4 pages)  
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